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**Editor:**  
José Ruiz-Herrera  
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## **Dimorphic Fungi Their Importance as Models for Differentiation and Fungal Pathogenesis**

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### **About the ebook**

This e-book includes several chapters on the most important and studied fungal models, written by specialists, discussing the biology of each species or genera, the general aspects controlling their dimorphic transition, the molecular aspects involved, the use of them as models for understanding the bases of biochemical and cell differentiation, and the importance of dimorphism in pathogenesis

#### **Contents**

- ▶ An Introduction to Fungal Dimorphism
- ▶ Dimorphism and Pathogenicity of the Opportunistic Ascomycota *Candida albicans*
- ▶ *Histoplasma capsulatum* and its Virulence Determinants
- ▶ Development and Dimorphism of the Yeast *Yarrowia lipolytica*
- ▶ *Sporothrix schenckii* and General Aspects of Sporotrichosis
- ▶ Yeast-Hypha Dimorphism in Zygomycetous Fungi
- ▶ Development and Dimorphism of the Phytopathogenic Basidiomycota *Ustilago maydis*

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